

Summary

Title: EACH MONOCLONAL ANTIBODY AGAINST HUMAN STROMAL TYPE COLLAGENASE, HUMAN 72 KDA GELATINASE OR HUMAN 92 KDA GELATINASE AND ITS UTILIZATION

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Abstract:

PURPOSE: To diagnose chronic rheumathritic diseases or cancers by using each monoclonal antibody specifically reactive with latent or active type human stromal type collagenase, human 72 kDa gelatinase or human 92 kDa gelatinase.

CONSTITUTION: Each monoclonal antibody against human stromal type collagenase (human MMP-1), human 72 kDa gelatinase (human MMP-2) or human 92 kDa gelatinase (human MMP-9) is used to immunohistochemically analyze the human MMP-1, human MMP-2 or human MMP-9 in human tissues. Thereby, human chronic rheumathritic diseases or cancers are diagnosed. For example, a direct method for reacting an antihuman MMP-1 antibody, an antihuman MMP-2 antibody or an antihuman MMP-9 antibody to which a label is applied with a specimen, washing the reaction product and then analyzing the labeled substance remaining in the specimen using a coloring agent, e.g. diaminobenzidin is cited as the aforementioned immunohistochemical analysis.

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